# COMMUNICATION S

# **Federal Communications Commission**

Approved by OMB 3060-0999 See instructions for public burden estimate.

# Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2017 - December 31, 2017 Filing Confirmation Number: 0008042454

Filing Deadline: January 16, 2018 FRN: 0003739430

Filing Date: 12/27/2017 11:05 AM

# **General Report Information**

# **Type of Company**

Service Provider

# **De Minimis Exception**

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

#### **Company Information**

Company Name: NU-Telecom Brand Names: Tech Trends

PO Box:

Street Address: 27 N. Minnesota St.

City: New Ulm State: MN Zip Code: 56073

Contact Name: Monty Morrow Contact Phone: (320) 234-5264

Contact Fax:

Contact Email: montymorrow@nu-telecom.net

### **Filing Agent**

Is this report being filed by an agent on behalf of a manufacturer or service provider? No

### **Product Labeling**

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice

communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

Yes

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)? Yes

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

Yes

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

### **Public Website**

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address: www.nutelecom.net

Explain:

#### **Consumer Outreach**

Describe consumer outreach efforts in the past 12 months: Consumer Outreach

Telispire maintains a public website displaying its entire selection of handsets and devices including those that are HAC compliant. Sales staff is trained to assist customers in identifying HAC compliant devices. Handset packaging inserts or operations manual also provides information. For more information, customers are directed to to to the total customers are directed to the total customers are directed to to the public websites dedicated to the total customers.

# **Methodology for Functionality Levels**

Methodology for Functional levels

Telispire offers HAC compliant handsets and devices in all major price categories including low, moderate and high end feature rich. At least one HAC compliant handset/device with features and services typical of its price category can be found that meets each customers price range.

# **Report Remarks**

You have reported the following handset model summary information.

Total number of handsets offered: 14

Air Interface	Comp	aring Aid patible Percent	Acoustic Coupling Compatible Only Number Percent	Non-Compliant Handsets Number Percent	Total by Air Interface
CDMA	14	100%			14
LTE	3	100%			3

# Handset 1: Apple 6 Plus

# **Handset Maker**

Apple

Handset Model Name FCC ID

6 Plus BCG-E2944A

### Air Interfaces/Frequency Bands

700 MHz LTE

850 MHz CDMA

850 MHz LTE

900 MHz LTE

1700 MHz CDMA

1700 MHz LTE

1800 MHz LTE

1900 MHz CDMA

1900 MHz LTE

2100 MHz LTE

2.5 GHz LTE

#### **Dates**

This handset model was offered from: 07/15 to 12/17

# **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

### Remarks

# Handset 2: Apple 6S

#### **Handset Maker**

Apple

Handset Model Name FCC ID

6S BCG-E2946A

# Air Interfaces/Frequency Bands

850 MHz CDMA 1700 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 10/15 to 12/17

### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

# Remarks

# Handset 3: Apple A1661 (iPhone 7 pl)

### **Handset Maker**

Apple

Handset Model Name FCC ID

A1661 (iPhone 7 pl) BCG-E2946A

### Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

# **Dates**

This handset model was offered from: 10/16 to 12/17

M-Rating: M3 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

### Remarks

# Handset 4: Apple Apple 6s Plus

#### **Handset Maker**

Apple

Handset Model Name FCC ID

Apple 6s Plus BCG-E2946A

### Air Interfaces/Frequency Bands

850 MHz CDMA 1700 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 10/15 to 12/17

### **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

#### Remarks

# Handset 5: Apple Apple iPhone 6

#### **Handset Maker**

Apple

Handset Model Name FCC ID

Apple iPhone 6 BCG-E2816A

# Air Interfaces/Frequency Bands

700 MHz LTE 850 MHz CDMA 850 MHz LTE 900 MHz LTE 1700 MHz CDMA 1700 MHz LTE 1800 MHz LTE 1900 MHz CDMA 1900 MHz LTE 2100 MHz LTE

#### **Dates**

This handset model was offered from: 07/15 to 12/17

# **Ratings**

M-Rating: M3

2.5 GHz LTE

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

#### Remarks

# Handset 6: Apple iPhone 7 (A1660)

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 7 (A1660) BCG-E2946A

# Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

### **Dates**

This handset model was offered from: 10/16 to 12/17

M-Rating: M3 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

### Remarks

# Handset 7: Apple iPhone 8

### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 8 BCG-E2946A

### Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

### **Dates**

This handset model was offered from: 10/17 to 12/17

# **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

### Remarks

# **Handset 8: Apple iPhone 8 Plus**

#### **Handset Maker**

Apple

Handset Model Name FCC ID

iPhone 8 Plus bCG-E2946A

# Air Interfaces/Frequency Bands

850 MHz CDMA 1900 MHz CDMA

### **Dates**

This handset model was offered from: 10/17 to 12/17

# **Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

#### Remarks

# Handset 9: LG EXALT VN360

### **Handset Maker**

LG

Handset Model Name FCC ID

EXALT VN360 ZNFVN271

### Air Interfaces/Frequency Bands

850 MHz CDMA 900 MHz CDMA 1800 MHz CDMA 1900 MHz CDMA

### **Dates**

This handset model was offered from: 10/17 to 12/17

M-Rating: M3 T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

### Remarks

# Handset 10: Motorola Moto E4 XT1767

#### **Handset Maker**

Motorola

Handset Model Name FCC ID

Moto E4 XT1767 IHDT56WD1

### Air Interfaces/Frequency Bands

800 MHz CDMA 800 MHz LTE 1900 MHz CDMA 1900 MHz LTE

# **Dates**

This handset model was offered from: 11/17 to 12/17

### **Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

Fully Functional

# Remarks

# Handset 11: Samsung G930 S7

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

G930 S7 a3LSMG920F

# Air Interfaces/Frequency Bands

800 MHz CDMA 850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 06/16 to 12/17

# **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### **Functionality Level**

**Fully Functional** 

### Remarks

# Handset 12: Samsung G935 S7 Edge

### **Handset Maker**

Samsung

Handset Model Name FCC ID

G935 S7 Edge a3LSMG920F

### Air Interfaces/Frequency Bands

800 MHz CDMA 850 MHz CDMA 1900 MHz CDMA

### **Dates**

This handset model was offered from: 06/16 to 12/17

M-Rating: M4 T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

### Remarks

# Handset 13: Samsung Galaxy S8

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S8 a3LSMG920F

### Air Interfaces/Frequency Bands

800 MHz CDMA 850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 05/17 to 12/17

### **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### **Functionality Level**

**Fully Functional** 

#### Remarks

# Handset 14: Samsung Galaxy S8 Plus

#### **Handset Maker**

Samsung

Handset Model Name FCC ID

Galaxy S8 Plus a3LSMG920F

# Air Interfaces/Frequency Bands

800 MHz CDMA 850 MHz CDMA 1900 MHz CDMA

#### **Dates**

This handset model was offered from: 05/17 to 12/17

# **Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

# **Functionality Level**

**Fully Functional** 

### Remarks

# Certification

# This Report has been certified by:

Monty Morrow Regulatory Coordinator 12/27/2017 11:05 AM